

Claims:

1. A pharmaceutical composition comprising a per(3,6-anhydro)cyclodextrin, a pharmaceutically effective drug and a carrier.
2. Composition of claim 1, wherein said per(3,6-anhydro)cyclodextrin is selected from the group consisting of hexakis(3,6-anhydro)- α -cyclodextrin, heptakis(3,6-anhydro)- β -cyclodextrin, octakis(3,6-anhydro)- γ -cyclodextrin, and mixtures thereof.
3. Composition of claim 1, wherein said composition is adapted to topical administration.
4. Composition of claim 1, wherein the amount of said peranhydrocyclodextrin is in a range of from 0.01 – 80% by weight of total composition.
5. Composition of claim 1, wherein said composition is adapted to an administration in or around the eye.
6. Use of a per(3,6-anhydro)cyclodextrin in the enhancement of the bioavailability of a pharmaceutically effective drug.
7. Use of a per(3,6-anhydro)cyclodextrin in the manufacture of a medicament for the enhancement of the bioavailability of a pharmaceutically effective drug.
8. A method of improving drug permeability through a tissue, which method comprises the steps of:
Conventionally admixing an effective amount of a per(3,6-anhydro)cyclodextrin, an effective amount of a drug, a carrier, and optionally one or more further ingredients selected from the group of buffers, tonicity enhancing agents, preservatives, solubilizers, stabilizers/solubilizers, and complexing agents; and
administering said pharmaceutical composition comprising said per(3,6-anhydro)cyclodextrin to said tissue.

- 16 -

9. Method of claim 8, wherein said tissue is selected from mucus tissue and ocular tissue, such as corneal epithelial cells and conjunctival cells.

10. Method of enhancing the bioavailability of a pharmaceutically effective drug, which method comprises conventionally admixing an effective amount of a per(3,6-anhydro)cyclodextrin, an effective amount of a drug, and a carrier.